

Listing of Claims:

1. (Currently Amended) A flow detector comprising:

a main body including: (i) a block body, which has an inlet and an outlet and which forms a given path, and (ii) a flow sensor which is attached to the block body to detect a flow rate of a fluid running through said path;

~~a flow sensor interposed in said path to detect a flow rate of a fluid running through said path; and~~

a circuit board having mounted thereon an electric circuit which measures the flow rate of the fluid running through said path by using said flow sensor; and

a flow regulating valve which regulates the flow rate of the fluid running through said path;

wherein said main body and said circuit board are accommodated in a rectangular parallelepiped or cubic housing, which is fixable to a given panel; ~~and~~

wherein said flow-regulating valve is mounted on an upper surface of the block body and the flow sensor is mounted on a surface of the block body which is different from the upper surface of the block body;

wherein an indicator and an operation switch are provided in a front surface portion of said housing that is exposed at a

front surface of said given panel when said housing is fixed to said given panel;

25 wherein ~~an~~ said inlet and ~~an~~ said outlet of said path are provided in a back surface portion of said housing; and

wherein a terminal for external connection of said circuit board is provided in the back surface portion of said housing.

2. (Previously Presented) The flow detector according to claim 1, wherein:

said given path formed by said main body—is U-shaped and the inlet and the outlet of said path face in a same direction; and

5 said circuit board is installed substantially parallel to both a side face of said main body and said U-shaped path, and the circuit board is provided with a multiway connector for external connection at an end portion thereof positioned alongside said inlet and said outlet of said path.

Claim 3 (Canceled).

4. (Previously Presented) The flow detector according to claim 1, further comprising a water-absorbing sheet around the inlet and the outlet of said path provided in the back surface portion of said housing.

5. (Previously Presented) The flow detector according to claim 2, further comprising a water-absorbing sheet around the inlet and the outlet of said path provided in the back surface portion of said housing.

Claims 6-8 (Canceled).